Claims:

1.   A method for requesting data from a plurality of wireless modems, comprising, when data is to be requested from a first modem, including in the request transmitted to said first modem data that is ready to be transmitted to a second modem, the transmission including an indication that said data is intended for said second modem.

2.   A data transmission sent to request data from one of a plurality of wireless modems, comprising:

identification of a first wireless modem;

data destined for a second wireless modem; and

identification of said second wireless modem,

whereby said data may be sent to said second wireless modem simultaneously with said request for data from said first wireless modem.

3.   A wireless communication system, comprising:

a base station; and

a plurality of wireless modems,

wherein said base station is configured to send a transmission to said plurality of wireless modems, said transmission including identification of a first wireless modem, a data payload destined for a second wireless modem, and identification of said second wireless modem, and

wherein said first wireless modem is configured to respond with a transmission indicating whether it has data to transmit to said base station and said second wireless modem is configured to process said data payload or retransmit it.